

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"5,900,935".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:19
L3	8	phase near2 modulat\$4 near2 signal near6 analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:22
L4	1	time near2 modulat\$4 near2 signal near6 analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:24
L5	1	time near2 modulat\$4 near2 (wavelength or light or beam) near6 analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:25
L6	1	phase near2 modulat\$4 near2 (wavelength or light or beam) near6 analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:25
L7	0	period\$3 near2 modulat \$4 near2 (wavelength or light or beam) near6 analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:30
L8	35	period\$3 near2 modulat \$4 near2 (wavelength or light or beam or signal) with (presence or absence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:30
L9	3	period\$3 near2 modulat \$4 near2 (wavelength or light or beam or signal) with analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:34
L10	55	period\$3 near2 modulat \$4 near2 (wavelength or light or beam or signal) analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:34
L11	52	10 not 8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:35

L12	17	period\$3 near2 modulat\$4 near2 (wavelength or light or beam or signal) (presence or absence) with analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:35
L13	150	(period\$3 or phase or time) near2 modulat\$4 near2 (wavelength or light or beam or signal) (presence or absence) with analyte	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:36
L14	54	(period\$3 or phase or time) near2 modulat\$4 near2 (wavelength or light or beam or signal) (presence or absence) with analyte (disc or cd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/07/22 11:37
L15	150	("4537861").URPN.	USPAT	AND	ON	2010/07/22 11:40
L16	4	14 15	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/22 12:11
L17	119	("4537861").URPN. scan\$4	USPAT	AND	ON	2010/07/22 14:02
L18	67	("4537861").URPN. scan\$4 modulat\$4	USPAT	AND	ON	2010/07/22 14:02
L19	2	("4537861").URPN. scan\$4 with modulat\$4	USPAT	AND	ON	2010/07/22 14:02
L20	7	("4537861").URPN. scan\$4 modulat\$4 near2 signal	USPAT	AND	ON	2010/07/22 14:03
L21	6	20 not 19	USPAT	AND	ON	2010/07/22 14:03
L22	0	("4537861").URPN. scan\$4 modulat\$4 near2 signal with time	USPAT	AND	ON	2010/07/22 14:04
L23	0	("4537861").URPN. scan\$4 modulat\$4 near4 signal with time	USPAT	AND	ON	2010/07/22 14:04
L24	8	("4537861").URPN. scan\$4 modulat\$4 near4 signal time	USPAT	AND	ON	2010/07/22 14:04
L25	6712	scan\$4 modulat\$4 near4 signal with time	USPAT	AND	ON	2010/07/22 14:05
L26	982	scan\$4 with modulat\$4 near4 signal with time	USPAT	AND	ON	2010/07/22 14:06
L27	711	scan\$4 with modulat\$4 near2 signal with time	USPAT	AND	ON	2010/07/22 14:06

L28	334	scan\$4 with modulat\$4 near2 signal near6 time	USPAT	AND	ON	2010/07/22 14:06
L29	118	scan\$4 with modulat\$4 near2 signal near6 time (disc or disk or cd)	USPAT	AND	ON	2010/07/22 14:06
L30	5	scan\$4 with modulat\$4 near2 signal near6 time with (disc or disk or cd)	USPAT	AND	ON	2010/07/22 14:06
L31	7	scan\$4 with modulat\$4 near2 signal near6 time with (disc or disk or cd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:07
L32	210	scan\$4 with modulat\$4 near2 signal near6 time (disc or disk or cd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:08
L33	0	scan\$4 with modulat\$4 near2 signal near6 time (disc or disk or cd) (analyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:08
L34	0	scan\$4 with modulat\$4 near2 signal with time (disc or disk or cd) (analyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:08
L35	0	scan\$4 with modulat\$4 near2 signal with time (analyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:09
L36	2	scan\$4 with (cd or disk or disc or player) modulat\$4 near2 signal with time (analyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:10
L37	0	scan\$4 with (cd or ((disk or disc) near2 compact)) modulat\$4 near2 signal with time (analyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:11
L38	62	(cd or ((disk or disc) near2 compact)) modulat\$4 near2 signal with time (analyte)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:11

L39	86	mark near2 worthington.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:16
L40	48	mark near2 worthington.in. analyte	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:16
L41	26	mark near2 worthington.in. analyte modulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:17
L42	13	mark near2 worthington.in. analyte modulat\$4 (beam near2 splitter or beamsplitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:18
L43	7	mark near2 worthington.in. analyte modulat\$4 (beam near2 splitter or beamsplitter) ((light or signal) near2 (recombin \$4 or combin\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:23
L44	1	nomarski analyte modulat\$4 (beam near2 splitter or beamsplitter) ((light or signal) near2 (recombin \$4 or combin\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:27
L45	6	nomarski analyte modulat\$4 (beam near2 splitter or beamsplitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 14:27
L46	2	"4868767".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/22 16:19
S1	0	substrate near10 regions near10 optic\$3 near10 probe near10 signal near10 interferometer detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 13:56
S2	34	substrate near10 regions optic\$3 near10 probe near10 signal interferometer detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06

S3	27	substrate (circular or round) near6 track (targets or regions) analyte signal probe beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:56
S4	0	substrate near10 regions motor near10 spin laser near10 beam sensor near10 beam interference near10 beams	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:57
S5	0	substrate near10 regions motor near10 spin laser near10 beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:57
S6	0	substrate near10 regions motor near10 spin laser near10 beams sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:57
S7	0	substrate near10 regions motor near10 spin laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58
S8	0	substrate regions motor near10 spin laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58
S9	1	substrate regions motor spin laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58
S10	1	substrate regions motor spin\$3 laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 10:58
S11	5	substrate regions motor laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:03
S12	0	motor near10 substrate regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:03
S13	0	(motor near10 substrate) regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:03
S14	0	(motor near16 substrate) regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:04

S15	1484	(motor near16 (carrier or platform or plate or disk or disc)) regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:08
S16	24	(motor near16 (carrier or platform or plate or disk or disc)) near10 regions laser beam sensor interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:05
S17	32	substrate near10 surface plane (targets or regions) near10 angle wall analytes laser beam interference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:11
S18	392	substrate near10 (targets or regions) (spin\$3 or rotat\$3 or turn\$3) near10 substrate sample incubat\$3 laser beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:12
S19	245	substrate near10 (targets or regions) (spin\$3 or rotat\$3 or turn\$3) near10 substrate sample incubat\$3 laser beam analytes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:12
S20	134	substrate near10 (targets or regions) (spin\$3 or rotat\$3 or turn\$3) near10 substrate sample incubat\$3 laser near4 beam analytes	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/09/04 11:12
S21	1	10/726772.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/13 19:29
S22	2	"5824272".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:03
S23	8	("4956298"   "5356814"   "5491067"   "5501841"   "5552325"   "5575914"   "5601711").PN. OR ("5824272").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/17 18:03
S24	1321	422/70.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06

S25	988046	invert\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06
S26	57	S24 S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/17 18:06
S27	1	10/726772.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 13:56
S28	22	((DAVID) near2 (NOLTE)).INV.	USPAT	AND	ON	2007/12/20 13:58
S29	4684	interferometer.dlm.	USPAT	AND	ON	2007/12/20 14:14
S30	1	S28 S29	USPAT	AND	ON	2007/12/20 13:58
S31	21	("4537861"   "4876208"   "5413939"   "5478527"   "5545531"   "5653939"   "5892577"   "5900935"   "5922617"   "6110748"   "6221579"   "6312961"   "6342349"   "6342395"   "6387331"   "6395558"   "6496309").PN. OR ("6685885").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/20 13:59
S32	8	("5131748"   "5680212").PN. OR ("5900935").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/20 14:05
S33	26	((FRED) near2 (REGNIER)).INV.	USPAT	AND	ON	2007/12/20 14:10
S34	1	((MANQU) near2 (VARMA)).INV.	USPAT	AND	ON	2007/12/20 14:14
S35	550	(purdue near2 research).as.	USPAT	AND	ON	2007/12/20 14:14
S36	951	(purdue near2 research).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:14
S37	7194	interferometer.dlm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:15

S38	1	S36 S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:15
S39	59257	interferomet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:16
S40	11	S36 S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:27
S41	1043	virtanen.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 14:27
S42	658	virtanen.in.	EPO; DERWENT	AND	ON	2007/12/20 14:28
S43	27	(virtanen near2 jorma). in.	EPO; DERWENT	AND	ON	2007/12/20 14:29
S44	1	"5900935".pn.	EPO; DERWENT	AND	ON	2007/12/20 17:21
S45	2	interferomet\$3 detector laser ((compact near2 dis\$1) or CD or DVD)	EPO; DERWENT	AND	ON	2007/12/20 17:22
S46	1884	interferomet\$3 detector laser ((compact near2 dis\$1) or CD or DVD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 17:22
S47	387	interferomet\$3 near10 detector laser ((compact near2 dis\$1) or CD or DVD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 17:22
S48	69	interferomet\$3 near10 detector near10 laser ((compact near2 dis\$1) or CD or DVD)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/20 18:27
S49	0	ramillano.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:27
S50	12	ramillano.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:28



S51	7	knobbe near2 martin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:28
S52	7	knobbe near2 martins	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:29
S53	14	(ismail near2 ashraf).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:41
S54	2	"20040166593"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:42
S55	24	wavefront near2 splitting near2 interferomet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:54
S56	1	1993-328356.NRAN.	DERWENT	AND	ON	2007/12/20 18:43
S57	27	wavefront near2 split\$4 near2 interferomet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:55
S58	3	S57 not S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:55
S59	1366	bio near2 (disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:56
S60	1406	422/64.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:56
S61	5	S59 S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 18:59
S62	1	(fabry near2 perot) near10 substrate near10 laser near10 detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:01
S63	70	(fabry near2 perot) near10 substrate laser near10 detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:30

S64	0	S59 S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:01
S65	43	(fabry near2 perot) near10 (disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:22
S66	194	(Mach-Zender) near10 interferomet\$3 near10 waveguides	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:50
S67	115047	"422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:23
S68	4	S66 S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:23
S69	39	phase near2 quadrature near10 substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:30
S70	17	phase near2 quadrature near10 substrate interferomet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:30
S71	78	(Mach-Zender) near10 interferomet\$3 near10 waveguides detector laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:50
S72	76	(Mach-Zender) near10 interferomet\$3 near10 waveguides detector laser (substrate or carrier or disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 19:59
S73	2165	interferomet\$3 near10 detector laser (substrate or carrier or disc or disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:20
S74	3	"3740144".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:14
S75	2	"5900935".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:14
S76	8	("5131748"   "5680212").PN. OR ("5900935").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/20 20:15

S77	8	("5680212").URPN.	USPAT	AND	ON	2007/12/20 20:16
S78	417	interferomet\$3 near10 detector laser (silicon near2 wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:22
S79	8	S67 S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:20
S80	0	interferomet\$3 near10 detector laser (silicon near2 wafer) near10 motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:22
S81	138	interferomet\$3 near10 detector laser (silicon near2 wafer) motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:22
S82	8	interferomet\$3 near10 detector laser (silicon near2 wafer) motor (analytes or antibodies)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:25
S83	6	S82 not S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:23
S84	6	interferomet\$3 near10 detector laser (silicon near2 wafer) motor (analytes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:25
S85	138	interferomet\$3 near10 detector laser (silicon near2 wafer) motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:33
S86	2	"6122304".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:33
S87	2	"5047845".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:34
S88	2	"5547274".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:35

S89	143	"20010055812"   "20020001546"   "20020008871"   "20020045276"   "20020051973"   "20020085202"   "20020106661"   "20020135754"   "20020151043"   "20030054376"   "20030133640"   "20030134330"   "20040002085"   "20040106130"   "20040132172"   "20040150829"   "20040166525"   "20040166593"   "20040229254"   "20040247486"   "20040258927"   "20050002827"   "20050003459"   "20050019901"   "20050042628"   "4537861"   "4876206"   "4876208"   "4975237"   "5122284"   "5155549"   "5413939"   "5478527"   "5545531"   "5653939"   "5781649"   "5844871"   "5875029"   "5892577"   "5900935"   "5922617"   "5955377"   "5968728"   "6008892"   "6030581"   "6046692"   "6060237"   "6099803"   "6110748"   "6177990"   "6221579"   "6256088"   "6287783"   "6312961"   "6327031"   "6339473"   "6342349"   "6342395"   "6355429"   "6387331"   "6395558"   "6469787"   "6476907"   "6483585"   "6496309"   "6540618"   "6624896"   "6685885"   "6687008"   "6770447"   "6836338"   "6847452"   "6917421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/12/20 20:35
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		"6917432"   "6987569").PN.				
S90	66	("5122284").URPN.	USPAT	AND	ON	2007/12/20 20:37
S91	22	("5413939").URPN.	USPAT	AND	ON	2007/12/20 20:47
S92	1	11/760734.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/30 19:14
S93	187	("20010055812"   "20020001546"   "20020008871"   "20020045276"   "20020051973"   "20020058242"   "20020085202"   "20020097658"   "20020106661"   "20020127565"   "20020135754"   "20020151043"   "20020192664"   "20030035352"   "20030054376"   "20030112446"   "20030133640"   "20030134330"   "20040002085"   "20040106130"   "20040132172"   "20040150829"   "20040166525"   "20040166593"   "20040229254"   "20040247486"   "20040258927"   "20050002827"   "20050003459"   "20050019901"   "20050042628"   "3796495"   "4537861"   "4876206"   "4876208"   "4899195"   "4975237"   "5122284"   "5155549"   "5413939"   "5478527"   "5478750"   "5497007"   "5545531"   "5581345"   "5602377"   "5621532"   "5629044"   "5653939"   "5700046"   "5781649"   "5844871"   "5875029"   "5892577"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/30 19:27

		"5900935"   "5922617"   "5955377"   "5968728"   "5999262"   "6008892"   "6030581"   "6046692"   "6060237"   "6099803"   "6110748"   "6177990"   "6221579"   "6256088"   "6287783"   "6312901"   "6312961"   "6327031"   "6339473"   "6342349"   "6342395"   "6355429"   "6387331"   "6395558"   "6469787"   "6476907"   "6483585"   "6483588"   "6496309"   "6540618"   "6591196"   "6624896"   "6656428"   "6685885"   "6687008"   "6734000"   "6770447"   "6836338"   "6847452"   "6917421"   "6917432"   "6987569"   "RE33581").PN.				
S94	74	(inkpad near stamp\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:33
S95	0	(inkpad near stamp\$3) with pit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:33
S96	21	(inkpad near stamp\$3) pit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:33
S97	21	(inkpad near stamp\$3) pit sens\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:34
S98	54	("6027630").URPN.	USPAT	AND	ON	2009/01/31 12:46
S99	31	(inkpad near stamp\$3) (disk or disc or biodisk or biodisc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:48

S100	10	S99 not S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:48
S101	76	(ink near2 pad near stamp\$3) (disk or disc or biodisk or biodisc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:49
S102	73	S101 not S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:50
S103	162	burstein near2 technologies.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:51
S104	2	"7387898".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 12:57
S105	2	"6312901".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 13:12
S106	2	"6274373".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 13:19
S107	2	"7014815".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/01/31 13:20
S108	2	"6312901".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/02/01 18:09
S109	2	"5900935".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/02/01 18:37
S110	2	"5478750".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/02/01 19:03
S111	2	"6685885".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/02/01 20:06

S112	829	(control\$4 or processor or computer) ((presence or absence or detect\$3) with analyte) interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:23
S113	214	(control\$4 or processor or computer) with ((presence or absence or detect\$3) with analyte) interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:23
S114	3	(control\$4 or processor or computer) with ((presence or absence or detect\$3) with analyte) with interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:23
S115	23	("3615024"   "3727379"   "4650329"   "4863494"   "4863495"   "4892719"   "5037624"   "5281257"   "5346535"   "5529609"   "5627329"   "5681788"   "5702505"   "5830414"   "5891221"   "5944878"   "5951774"   "6083439"   "6093236"   "6187276"   "6228135"   "6358374").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/16 15:25
S116	58	"356"/\$.cls. (control\$4 or processor or computer) with ((presence or absence or detect\$3) with analyte) interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:30
S117	3	("6330064").URPN.	USPAT	AND	ON	2009/11/16 15:35
S118	8	"356"/\$.cls. (control\$4 or processor or computer) with (presence or absence) with analyte detect\$3 interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:38
S119	13	("2631489"   "3151247"   "3578980"   "3922092"   "4193691"   "4371785"   "5483335"   "5485268"   "5737076"   "5748308"   "6031609").PN. OR ("7515260").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/16 15:48



S120	15	("4371785").URPN.	USPAT	AND	ON	2009/11/16 15:52
S121	1	"5900935".pn.	USPAT	AND	ON	2009/11/16 15:54
S122	8	("5900935").URPN.	USPAT	AND	ON	2009/11/16 15:54
S123	33	("4537861"   "4876208"   "5413939"   "5478527"   "5545531"   "5653939"   "5892577"   "5900935"   "5922617"   "6110748"   "6221579"   "6312961"   "6342349"   "6342395"   "6387331"   "6395558"   "6496309").PN. OR ("6685885").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/16 15:56
S124	47	notle near2 david.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:57
S125	49506	split\$3 (probe or beam) detect\$3.clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:59
S126	78306	split\$3 (probe or beam or signal) detect\$3.clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:59
S127	13	S124 S126	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 15:59
S128	76	regnier near2 fred.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:26
S129	15	S126 S128	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:26
S130	8	S129 not S127	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:26
S131	0	peng ner2 leilei.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:28

S132	13	peng near2 leilei.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:28
S133	5	S126 S132	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:28
S134	1	S133 not S127	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:28
S135	0	purdue near2 research. as. inteferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:30
S136	7	purdue near2 research. as. interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:30
S137	23	purdue near2 research. as. (control\$4 or process\$4 or comput \$4) with (analyte)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:38
S144	2	"5883717".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 16:51
S145	0	"6685885.pn.".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:07
S146	2	"6685885".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:07
S147	2	"5900935".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:13
S148	2	"7079252".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:27
S149	1776	"356"/\$.ccls. (disc or disk) interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:29

S150	6	"356"/\$.ccls. (disc or disk) interferometer (control\$4 or process\$4 or comput\$4) with (presence or absence) with analyte detect\$3 interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:30
S151	42	"356"/\$.ccls. (disc or disk) interferometer (control\$4 or process\$4 or comput\$4) with analyte detect\$3 interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:31
S152	20	"422"/\$.ccls. (disc or disk) interferometer (control\$4 or process\$4 or comput\$4) with analyte detect\$3 interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:37
S153	1	10/726772.app.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 17:58
S154	3212	electro-optical near2 modulator	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 18:33
S155	286	"356"/\$.ccls. electro-optical near2 modulator	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 18:33
S156	42	"356"/\$.ccls. electro-optical near2 modulator with reference	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/16 18:33
S157	2	"5485271".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:05
S158	2	"7079252".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:20
S159	347	"422"/\$.ccls. polarizer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:50
S160	14	"422"/\$.ccls. polarizer interferometer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2009/11/17 14:50

S161	9	"7405831".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:06
S162	50	david near2 nolte.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:09
S163	2012511	(process\$4 or computer or software or controller).clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:09
S164	9	S162 S163	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:10
S165	77	regnier near2 fred.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:50
S166	9	S163 S165	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:52
S167	355077	(presence or absence). clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:54
S168	4	S166 S167	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:54
S169	14	peng near2 leilei.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:56
S170	3	S169 not S165	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:56
S171	3	S170 not S162	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:56
S172	1	S163 S171	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:57
S173	0	S167 S172	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 13:57

SI74	359	("20010055812"   "20020001546"   "20020008871"   "20020045276"   "20020051973"   "20020085202"   "20020106661"   "20020135754"   "20020151043"   "20030054376"   "20030133640"   "20030134330"   "20040002085"   "20040106130"   "20040132172"   "20040150829"   "20040166525"   "20040166593"   "20040229254"   "20040247486"   "20040258927"   "20050002827"   "20050003459"   "20050019901"   "20050042628"   "20050084895"   "20050106746"   "20050123907"   "20050158819"   "20050176058"   "20050191630"   "20050214950"   "20050226769"   "20050259260"   "20060040380"   "20060078935"   "20060204399"   "20060210449"   "20060223172"   "20060234267"   "20060256676"   "20060257939"   "20060269450"   "20060270064"   "20070003436"   "20070003979"   "20070070848"   "20070077599"   "20070077605"   "3796495"   "4537861"   "4741620"   "4876208"   "4975237"   "5122284"   "5155549"   "5413939"   "5478527"   "5494829"   "5545531"   "5631171"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:08
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"5653939"		"5717778"
	"5736257"	
"5781649"		"5786226"
	"5837475"	
"5843767"		"5844871"
	"5874219"	
"5875029"		"5892577"
	"5900935"	
"5922617"		"5935785"
	"5945344"	
"5955377"		"5968728"
	"6008892"	
"6030581"		"6048692"
	"6060237"	
"6071748"		"6099803"
	"6110748"	
"6121048"		"6140044"
	"6143247"	
"6177990"		"6221579"
	"6238869"	
"6248539"		"6249593"
	"6256088"	
"6271924"		"6287783"
	"6287850"	
"6312961"		"6319468"
	"6319469"	
"6320665"		"6327031"
	"6339473"	
"6342349"		"6342395"
	"6345115"	
"6350413"		"6355429"
	"6368795"	
"6376258"		"6381025"
	"6387331"	
"6395558"		"6395562"
	"6399365"	
"6403957"		"6416642"
	"6469787"	
"6476907"		"6483585"
	"6496309"	
"6518056"		"6540618"
	"6551817"	
"6566069"		"6584217"
	"6596483"	
"6602702"		"6623696"
	"6624896"	
"6649403"		"6653152"
	"6685885"	
"6687008"		"6709869"
	"6720177"	
"6733977"		"6737238"
	"6743633"	
"6760298"		"6770447"
	"6787110"	
"6791677"		"6803999"
	"6806963"	
"6819432"		"6836338"

		"6844965"   "6847452"   "6878555"   "6897965"   "6917421"   "6917432"   "6937323"   "6955878"   "6958131"   "6980299"   "6987569"   "6992769"   "6995845"   "7008794"   "7012249"   "7014815"   "7026131"   "7027163"   "7031508"   "7033747"   "7061594"   "7070987"   "7077996"   "7083920"   "7087203"   "7088650"   "7091034"   "7091049"   "7094609"   "7098041"   "7102752"   "7106513"   "7110094"   "7110345"   "7118855"   "7141378"   "7141416"   "7145645"   "7148970"   "7200088"   "7221632").PN.				
S175	61	S163 S174	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:09
S176	16	S167 S175	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:09
S177	2044	(process\$4 or computer or software or controller) with analyte. clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:10
S178	10	S174 S177	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:10
S179	97095	(process\$4 or computer or software or controller) with (presence or absence). clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:20
S180	6	S174 S179	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:20

S181	253	(process\$4 or computer or software or controller) with (presence or absence) with analyte.clm.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:22
S182	40804	tim\$3 near2 modulat\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:23
S183	3	S181 S182	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:23
S184	1524	(process\$4 or computer or software or controller) with (presence or absence) with analyte	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:24
S185	16	S182 S184	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 14:25
S186	0	purdue.as. (process\$4 or computer or software or controller) with (presence or absence) with analyte	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 15:12
S187	90	purdue.as. (process\$4 or computer or software or controller) with (presence or absence)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 15:13
S188	43	purdue.as. (process\$4 or computer or software or controller) near6 (presence or absence)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 15:13
S189	5	purdue.as. (process\$4 or computer or software or controller) near6 (presence or absence) with (reference or signal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 15:13
S190	2	"6330064".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 15:38
S191	2	"5459571".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 15:46



S192	4	"3874794".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 15:52
S193	15	("3511607"   "3523756"   "3645691"   "3723062").PN. OR ("3874794").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/21 16:59
S194	1	"4014612".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/21 17:03
S195	1066	perkin near2 elmer.as.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/21 17:04
S196	1	S184 S195	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 17:04
S197	2	"5,308,982".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 17:05
S198	18	("4997280"   "5023804").PN. OR ("5308982").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/07/21 17:06
S199	14	(process\$4 or computer or software or controller) with (presence or absence) with analyte with reference with signal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 17:07
S200	356	(process\$4 or computer or software or controller) with (presence or absence) with analyte with signal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 17:12
S201	90	(process\$4 or computer or software or controller) with (presence or absence) with analyte with signal analyzer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 17:12
S202	2	"6030581".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	AND	ON	2010/07/21 17:21

### EAST Search History (Interference)

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